

**TOROIDAL TYPE CONTINUOUSLY VARIABLE TRANSMISSION AND  
CONTINUOUSLY VARIABLE TRANSMISSION DEVICE**

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- **European:**

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**Abstract of JP2003028257**

**PROBLEM TO BE SOLVED:** To provide a structure providing excellent transmission efficiency and durability, capable of transmitting power even in failure of a hydraulic actuator 44 and preventing a more serious failure from occurring as a result. **SOLUTION:** Necessary thrust for securing surface pressure at each traction part is generated by a thrust generating device 43 composed of a loading cam device 10 and a hydraulic actuator 44. The loading cam device 10 generates a sufficient thrust even if the highest thrust is required. The hydraulic actuator 44 generates a thrust in the direction canceling the thrust generated by the loading cam device 10. The thrust generating device 19 generates a thrust subtracting the thrust generated by the hydraulic actuator 44 from the thrust generated by the loading cam device 10 in a normal operation, and generates only the thrust generated by the loading cam device 10 in a failure.

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